Home

The chips in this section are **E**ngineering **S**amples. This kind of chips were made **not for commercial use**, and are testing objects for engineers, mechanicals or selected customers. Some samples are extremely rare and very hard to find!

How can I identify a chip as a sample? Most chips have clear details. Either an acronym like **ES,CS,MS,QS** or full words like **Sample, Confidential, Prototype, Secret,**..... For Intel chips and CPUs you should know that all later CPUs and chips have a spec number beginning with Q. So there are existing CPUs with no acronym marking but a spec number with Q on the beginning. That's definitely a sample, very rare and valuable.

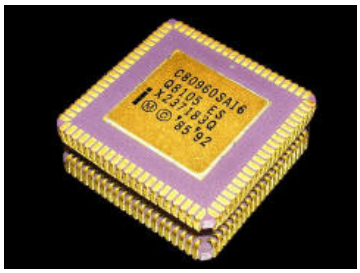
Acronyms

ES: Engineering **S**ample
CS: Customer **S**ample
MS: Mechanical **S**ample
QS: Qualification **S**ample

Some explanation on this pictures for samples and no samples

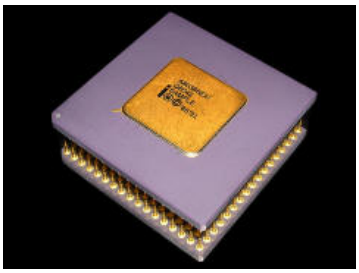
Intel Samples: CPU

C80960SA-16



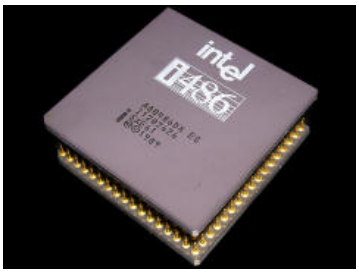
Q8105 ES
extremely rare piece!!
bottom view

A80386EXI



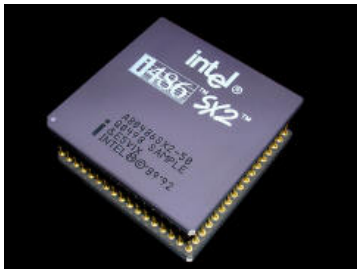
Q8042
extremely rare piece!!
bottom view

A80486DX ES



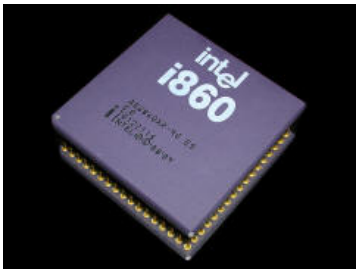
SXE61, USA
extremely rare piece!!
bottom view

A80486SX2-50



Q0498 SAMPLE
extremely rare piece!!
bottom view

A80860XR-40 EX



C.0, USA
extremely rare piece!!
bottom view

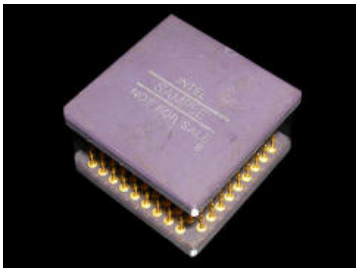
KB80521EX133

Q0815, Malaysia, 256kb Cache
very rare piece!!
bottom view

KB80521EX200

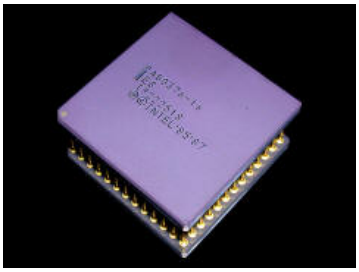
Q011, Malaysia, 512kb Cache
bottom view

80286 Sample 8 MHz



not for sale
bottom view

A80376-16

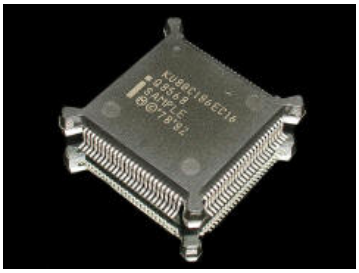


ES
bottom view

FA80C186CP

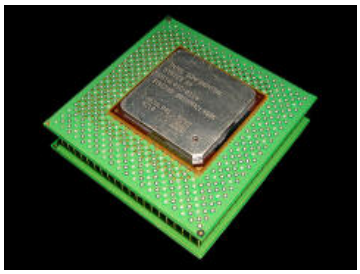
Q8583
bottom view

KU80C186EC16



Q8568
bottom view

80528PC1.4G0K

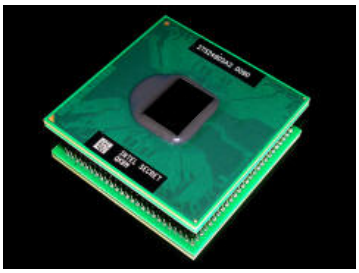


QY81ES
bottom view

RK80546HE0561M

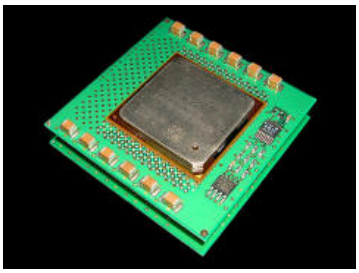
Q223 ES, 2.4 GHz
bottom view

933/1M/533 Celeron Mobile, Low Voltage



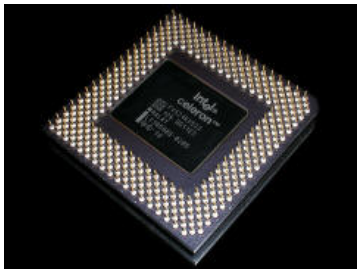
QKBM Intel SECRET
bottom view

80528KC 1.3G



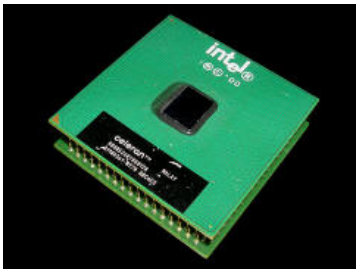
QY89ES
bottom view

FV524RX533



QG11ES
bottom view

RB80526RY850128



QBC6ES, Malaysia
bottom view

P III 450MHz, MMC2 package

bottom view

80541KZ6672M

Itanium I , Q012 ES
bottom view

80541KZ6674M

Itanium I , QS05ES
bottom view

80542KC9003M

picture coming soon...

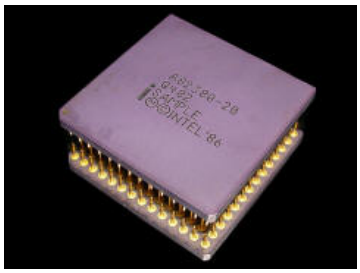
QUD7 QS
bottom view

PII Mobile MMC1

Q761 Sample
bottom view

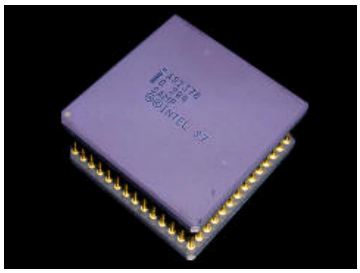
Intel Samples: all other

A82380-20



Q482 Sample, Malaysia
bottom view

A82370

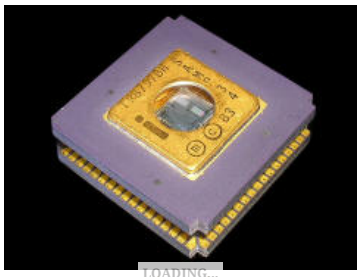


Q 204, SAMP, USA
bottom view

C27C203-55V05

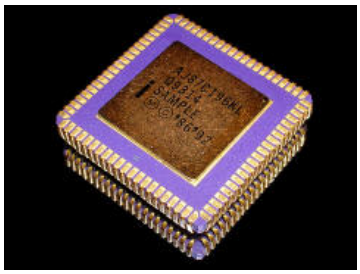
ES, Malaysia
bottom view

TR8797BH



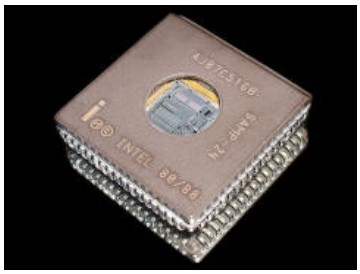
Sample, Malaysia
bottom view

AJ87C196KL



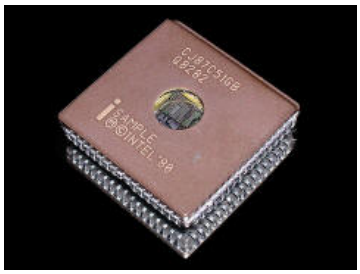
Q9314 SAMPLE
bottom view

AJ87C51GB



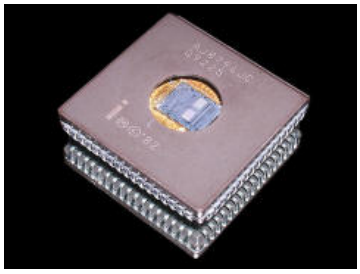
Korea
bottom view

CJ87C51GB



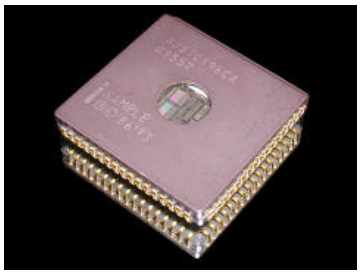
Q8282 Sample, Korea
bottom view

AJ9796JC



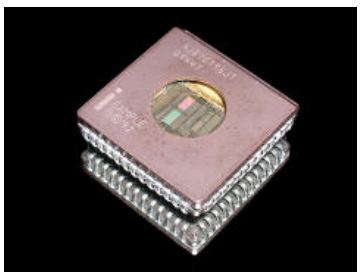
Q9225, Korea
bottom view

AJ87C196CA

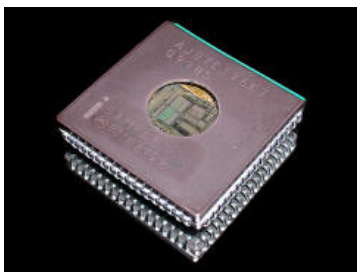


Q9557, Sample, gold pins!
bottom view

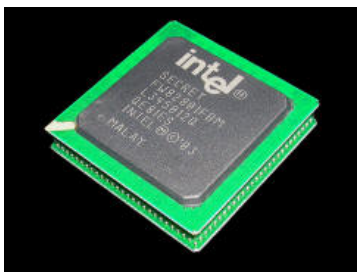
AJ87C196JT



AJ87C196KT



FW82801FBM



Q9447, Sample, Philippines
bottom view

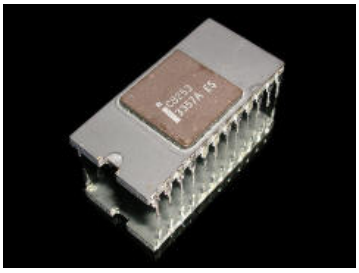
Q9405, SAMPLE, Philippines
bottom view

QE81ES, "secret"
bottom view

AF82801JB

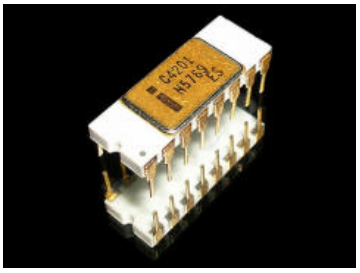
QS29 ES, "secret"

C8253



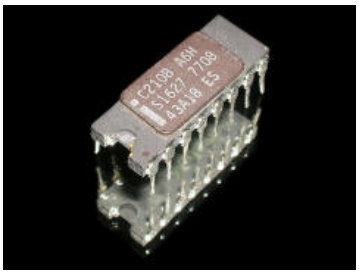
ES, 7708
bottom view

C4201



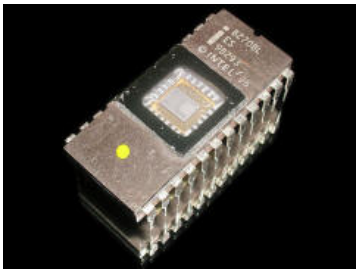
ES

C2108A6H



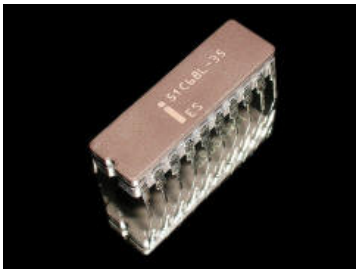
Malaysia, 7703
bottom view

B2708-L ES



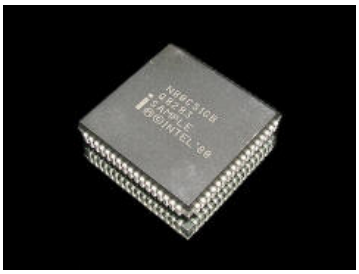
Malaysia, 7833
bottom view

51C68L-35



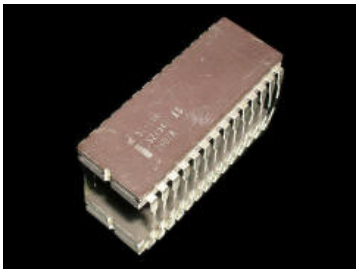
Malaysia
bottom view

N80C51GB



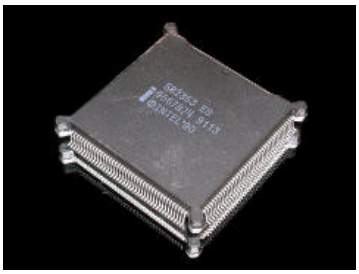
Q8283, Korea
bottom view

52-104



ES
bottom view

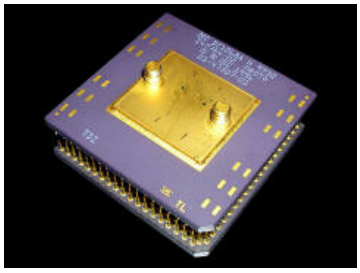
S82353 ES



ES

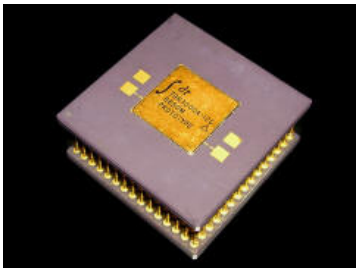
Other Manufacturer Samples

DEC 21-47307-01



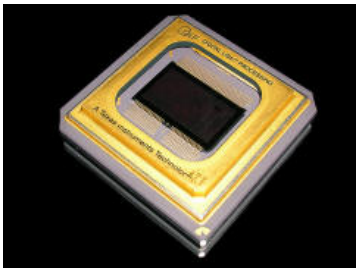
Prototype
bottom view

IDT R3000A



Military Prototype, USA
bottom view

Texas Instruments DLP-Processor

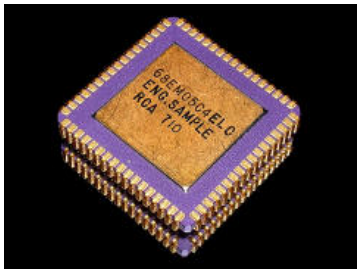


Sample
bottom view

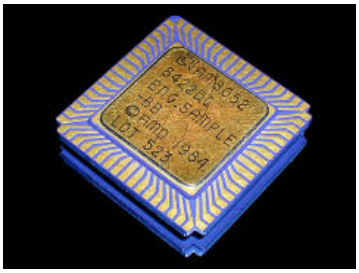
68EM05C4ELC

AM8052-BB

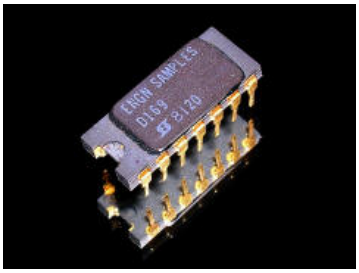
D169



ENG.SAMPLE
bottom view

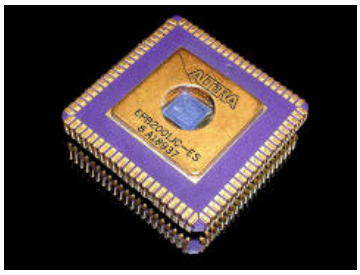


ENG.SAMPLE
bottom view



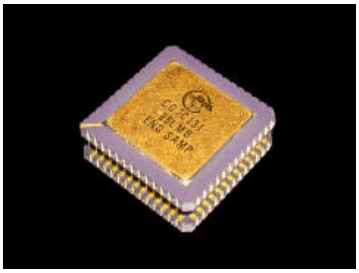
ENGN SAMPLES

ATERA EPB2001JC-ES



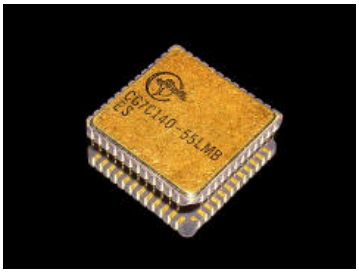
ES
bottom view

Cypress CG7C131-35LMB



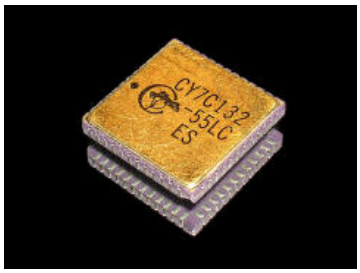
Eng. Samp.
bottom view

Cypress CG7C140-55LMB



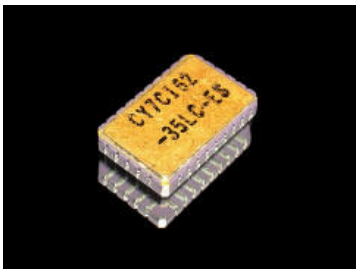
ES
bottom view

Cypress CY7C132-55LC



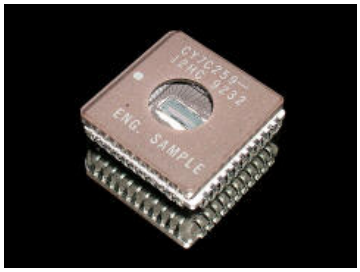
ES
bottom view

Cypress CY7C162-35LC



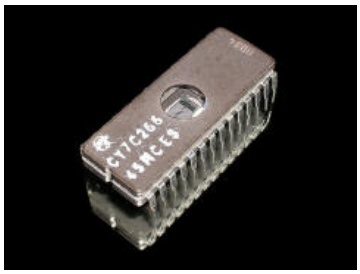
ES
bottom view

Cypress CY7C259-12HC



Eng. Sample
bottom view

Cypress CY7C266-45HC



ES
bottom view

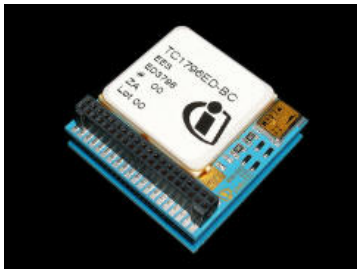
Cypress CY7C277-30WC

ES, USA
bottom view

Infineon TC1796-256F150E

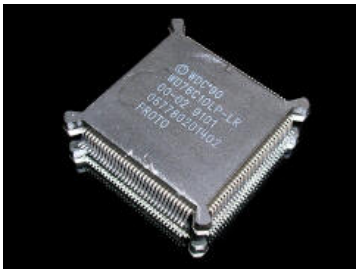
EES, *early engineering Sample*
bottom view

Infineon TC1796ED-BC



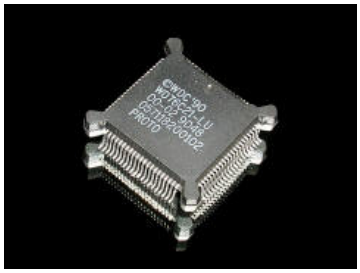
EES, early engineering Sample
extremely rare piece!!
bottom view

WD76C10LP-LR



Singapore, 9101, Prototype
bottom view

WD76C21-LU

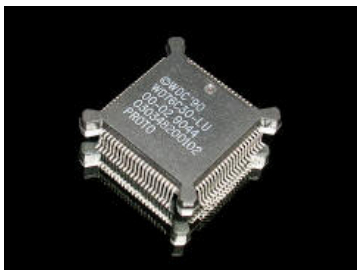


9050, Prototype

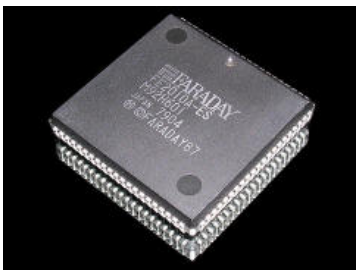
FARADAY FE2010A-ES

FARADAY FE3000A-ES

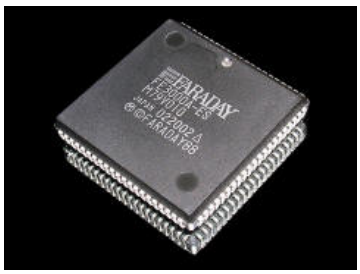
WD76C30-LU



9044, Prototype



Engineering Sample



Military Engineering Sample

(c) 2009
naked1300

Home